

Title (en)

PROCESS AND SYSTEM FOR THE DETERMINATION OF THE POSITION AND RELATIVE ORIENTATION OF TWO OBJECTS IN SPACE

Publication

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Application

**EP 90200358 A 19900216**

Priority

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Abstract (en)

[origin: EP0385528A2] The invention concerns a process and systems for determining parameters giving the relative position and relative orientation in space of an object A with respect to an object B. This process involves transmitting three beams in a pyramidal formation, in particular laser beams, from the object A to an observation surface S, transmitting three parallel reference beams from the object B to the surface S, and observing the images formed on the surface S by means of a viewing device (11). The parameters giving the required position and orientation are determined by using suitable image processing and geometrical calculations. <IMAGE>

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IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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